

UV-21MP

SMALL FORMAT FLATBED UV LED

PRECISION, VERSATILITY & EFFICIENCY IN A COMPACT SIZE



UV-21 Direct
MP Color
Systems®

Industrial-Grade Promotional & Multi-Purpose System

Experience a new era of printing with our compact UV flatbed system, designed for a wide range of applications and superior performance. Say goodbye to gravity-fed, consumable print heads and the cumbersome maintenance they demand. The MP Series printers feature an advanced, integrated approach that eliminates the need for disposable print heads or capping stations.

The MP Series leverages a negative-pressure ink delivery system, ensuring industrial-grade performance with precision, high-resolution print results, every time. The optimized design ensures perfect and consistent ink delivery from start to finish, with minimal downtime and maintenance.

→ Unlock the potential of ad-specialty and promotional items with the UV-21MP. A real industrial-grade system designed for small to intermediate production.

→ 61mm x 44mm / 24" x 17.3" vacuum table has space for anything from a layout of small promotional items to medium sized signage with a maximum material height of 18cm / 7" allows for an array of larger objects just waiting to be customized.

→ Advanced printing technology delivers unmatched precision and vibrant colors every time. White and Varnish add to the range of creative possibilities.

→ The range of DCS specialized application technologies allow for ADA and Braille and highly textured prints for high-impact prints in promo or decor applications. The UV-21MP is rotary printing ready with an easy-to-install EasyCyl rotary adapter. Everything you need for promotional items, signage and ADA/Braille in one powerhouse printer.

CHROMASPHERE™
PRINT TECHNOLOGY



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UV-21MP

SPECIFICATIONS

REQUIREMENT	SPECIFICATIONS
Print Heads	Chromasphere Print Technology Printheads, Piezo Inkjet, 5-12 pL Variable Drop Greyscale
Resolution	720x600dpi / 720x900dpi / 720x1200dpi / 720x2400dpi
Ink Sets	4 Color CMYK Printing, White & Varnish, 500 ml Direct Pour Ink Tanks
Printer Size	1565mm L x 861mm W x 1050mm H / 61.6" L x 33.9" W x 41.3" H
Crated Dimensions	1640mm L x 990mm W x 1130mm H / 65" L x 39" W x 45" H
Vacuum Table	Vacuum Table for Maximum Substrate Hold-down
Printer Weight	Printer Weight 250kg / 551lbs Crated Weight 280kg / 617lbs
Printer Max Image	61cm x 46cm / 24" x 18"
Printer Max Substrate	62cm x 55cm/24.4" x 21.6"
Material Height Max.	18cm / 7"
Max Substrate Weight	8kg / 17.6lbs
Warranty	1 Year Limited Warranty
Software	Color Byte 12 with Compass Feature and Printer Control Software
Power Requirements	220-240VAC 50 / 60HZ 20A Max Single Phase Circuit
Environmental	68°F - 77°F / 20°C - 25°C - 40%-70% Rel. Humidity, 40%-60% Optimal
Print Speeds	Print Modes - 6 Pass 4.5 m²/Hr - 48.4 ft²/Hr Full bed
Cylindrical Print Option	EasyCyl - Cylindrical Max Diameter 30mm to 78mm / 1.38" to 5.9"



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- Chromasphere Print Technology is a holistic approach to print system design. With ink formulated for optimal performance, precision-engineered Stainless Steel internally heated print heads, and a closed-loop ink delivery system, the MP Series ensures spectacular results with every print.
- 1680 nozzles per print head, delivering precise, high-resolution, consistent drops.
- Recirculation system keeps white inks in suspension, maintaining their viscosity and ensuring the brightest, most opaque whites that UV Inkjet printing demands.
- Bulk-load ink tanks allow you to add ink on the fly, reducing time & eliminating ink cartridge waste.
- Without the need for capping stations and dampers found in gravity-fed systems, the UV-21 is a robust, production-ready UV print solution.

1. Substrate dependent. 2. Bidirectional; Print times may vary dependant on print mode configuration. 3. All substrates and textiles/fabrics should be tested for image receptivity, adhesion and durability with final acceptance and suitability determined by the customer. 4. Some materials may require the use of an adhesion promoter or a chemical wipe prior to printing to promote adhesion. This data sheet is for informational purposes only. Direct Color Systems makes no warranties, expressed or implied in this summary. Specifications are subject to change without notice. This is not an offer for sale. Compliant with patents: directcolorsystems.com/patents.

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